Gov. Doc 1 Canada, Hydrographic and Map Service WATER LEVELS BULLETIN for the LIBRARY GREAT LAKES AND MONTREAL HARBOUR ) St. Las spence INLAND WATER LEVELS FEB 12 1960 CANADIAN HYDROGRAPHIC SERVICE FOR 19 60 DEPARTMENT OF MINES AND TECHNICAL SURVEYS LAKE SUPERIOR (at Port Arthur) MAY JUNE JULY AUG. oct. NOV. SEPT. MEAN FOR MONTH
HIGH LEVEL FOR MONTH LOW LEVEL FOR MONTH Day and Hour
HIGHEST DAILY MEAN
Day
LOWEST DAILY MEAN Last year's mean for month
Max. mean for month since 1850
Year
Min. mean for month since 1860 601,64 602,87 1952 600,32 1926 601,97 601,99 \_\_\_\_\_Mean for month-last 10 years \_\_\_\_Mean for month-since 1860 LAKE HURON (at Goderich) 579.02 580.06 6/1050 \_\_MEAN FOR MONTH HIGH LEVEL FOR MONTH

Day and Hour
LOW LEVEL FOR MONTH 578.30 12/1130 Day and Hour HIGHEST DAILY MEAN 579.46 HIGHEST DAILY MEAN

LOWEST DAILY MEAN

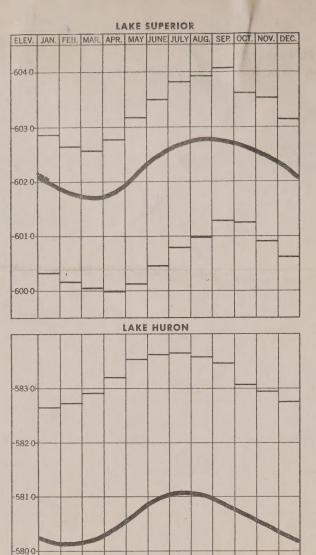
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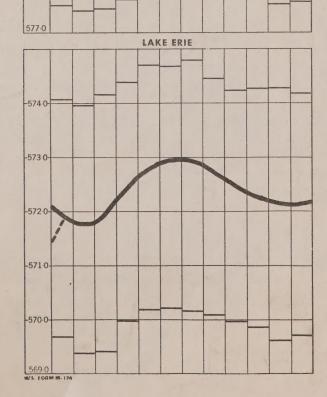
Last year's mean for month

Max. mean for month since 1860 578.47 12 577.82 582.67 577.52 1934 579.92 580.12 Year
Mean for month-last 10 years Mean for month-since 1860 LAKE ERIE (at Port Colborne) 571.83 574.40 6/1355 MEAN FOR MONTH
HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH 570.29 Day and Hour HIGHEST DAILY MEAN 572.57 4 571.13 11 570.79 LOWEST DAILY MEAN Day
Last year's mean for month
Max. mean for month since 1860 574,08 Year
Min. mean for month since 1860 1863 569.67 1935 572.22 571.98 \_\_\_\_\_ Year
\_\_\_\_Mean for month last 10 years
\_\_\_\_Mean for month-since 1860 LAKE ONTARIO (at Kingston) \_\_MEAN FOR MONTH HIGH LEVEL FOR MONTH 245.11 26/1530 Day and Hour LOW LEVEL FOR MONTH 244.36 7/1100 245.09 26 Day and Hour HIGHEST DAILY MEAN LOWEST DAILY MEAN
LOWEST DAILY MEAN
Day
Last year's mean for month
Max. mean for month since 1860 244.50 243.94 247.48 1886 242.78 1935 245.60 245.27 Max. mean for month since 1860
Year
Min. mean for month since 1860
Year
Mean for month last 10 years
Mean for month since 1860 MONTREAL HARBOUR (at King Edward Pier) MEAN FOR MONTH
HIGH LEVEL FOR MONTH 43.55 21/0240 Day and Hour LOW LEVEL FOR MONTH 27.44 2/1230 \_ Day and Hour HIGHEST DAILY MEAN LOWEST DAILY MEAN 29 27.56 2 27.17 40.22 1886 Day

Last year's mean for month

Max. mean for month since 1860 Year
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Mean for month since 1860 21.33





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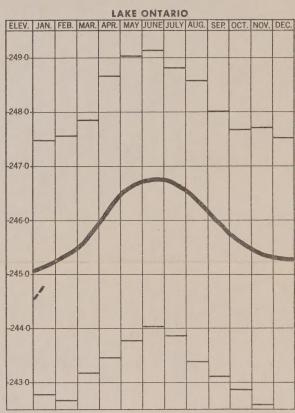
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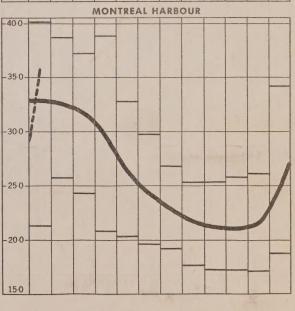


INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

## MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR







Gov. Doc Canada, Hydrographic and Map Service WATER LEVELS BULLETIN for the LIBR GREAT LAKES AND (MONTREAL HARBOUR) St. Laurence River. INLAND WATER LEVELS 1 4 1960 CANADIAN HYDROGRAPHIC SERVICE FOR 19 60 DEPARTMENT OF MINES AND TECHNICAL SURVEYS LAKE SUPERIOR (at Port Arthur) MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC. MEAN 602.04 602.63 12/0040 \_\_\_MEAN FOR MONTH HIGH LEVEL FOR MONTH 602.28 \_\_\_\_ Day and Hour LOW LEVEL FOR MONTH 601.47 11/0555 601.99 3 601.63 8/1015 602.22 Day and Hour HIGHEST DAILY MEAN \_\_\_ Day
LOWEST DAILY MEAN 601.92 601,45 \_\_\_\_\_ Day
\_\_\_\_Last year's mean for month
Max. mean for month since 1860 601.64 602.87 1952 600.32 1926 601.97 602.65 1952 600.14 1926 601.76 601.81 Year Min. mean for month since 1860 Year
Mean for month-last 10 years \_\_\_Mean for month-since 1860 LAKE HURON (at Goderich) MEAN FOR MONTH
HIGH LEVEL FOR MONTH 579.02 579.10 580.06 579.81 6/1050 7/0955 Day and Hour
LOW LEVEL FOR MONTH 578,30 578,52 12/1130 11/0/20 Day and Hour HIGHEST DAILY MEAN 579.46 Day
LOWEST DAILY MEAN
Day
Lost year's mean for month 578.47 12 577.82 578.82 5 577.71 582.74 1886 Max. mean for month since 1860 582.67 Year
Min. mean for month since 1860 577.52 1934 579.92 \_\_\_\_\_Mean for month-last 10 years \_\_\_\_Mean for month-since 1860 580.09 LAKE ERIE (at Port Colborne) 571.83 571.85 574.40 574.34 6/1355 26/0710 570.29 569.74 18/0605 10/0450 MEAN FOR MONTH HIGH LEVEL FOR MONTH \_ Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN 572.57 4 571.13 LOWEST DAILY MEAN 570.77 25 570.91 573.96 1863 569.39 1935 572.10 571.76 \_\_\_\_ Day
\_\_Last year's mean for month
Max. mean for month since 1860 570.79 574.08 569.67 1935 572.22 Year

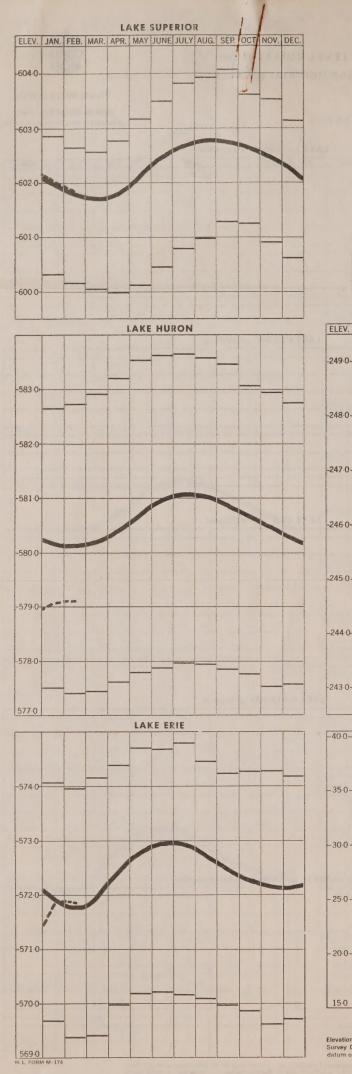
Mean for month-last 10 years

Mean for month-since 1860 571.98 LAKE ONTARIO (at Kingston) 244.79 245.16 \_\_MEAN FOR MONTH 245.11 245.86 26/1530 26/2050 244.36 244.57 7/1100 6/0335 HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN 245.09 245.55 \_\_ Day
LOWEST DAILY MEAN 244.50 10 244.74 \_\_\_ Day
\_Last year's mean for month
Max. mean for month since 1860 5 244.32 243.94 247.48 1886 247.55 1886 Year

Min, mean for month since 1860

Year

Mean for month-last 10 years 242.68 1936 245.73 245.33 242.78 1935 245.60 MONTREAL HARBOUR (at King Edward Pier) 35.77 37.52 1.3.55 43.32 21/0240 20/2200 27.44 33.01 2/1230 14/0700 \_\_MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN 42.73 40,97 LOWEST DAILY MEAN 27.56 2 27.17 33.59 \_\_\_\_\_ Day
\_\_\_\_Last year's mean for month
Max. mean for month since 1860 25.30 38.74 1890 40.22 1886 Year
Min. mean for month since 1860
Year 25.69 1935 33.36 21.33 1932 30.93 32.98 \_\_\_\_Mean for month-last 10 years \_\_\_\_Mean for month-since 1860 32,50





INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS



### MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

| LEGEND | FOR 19.60 | PERIOD | | PERIOD | | PERIOD | | PERIOD | P

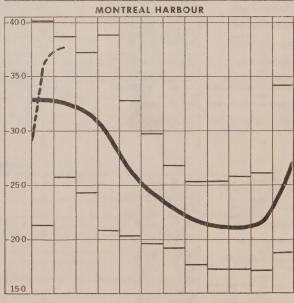
LAKE ONTARIO

ELEV. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC.

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Gov. Doc Canada. Hydrographic and Map Service

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UNIMERSITY OF TORONTO

WATER LEVELS BULLETIN for the GREAT LAKES AND (MONTREAL HARBOUR) St. Liggistence

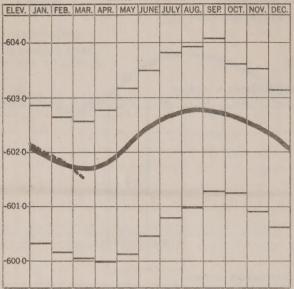


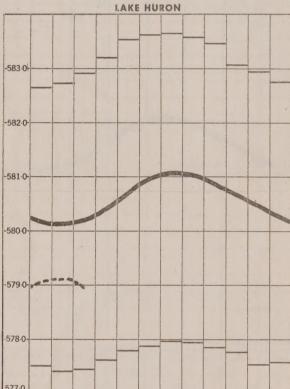
INLAND WATER LEVELS

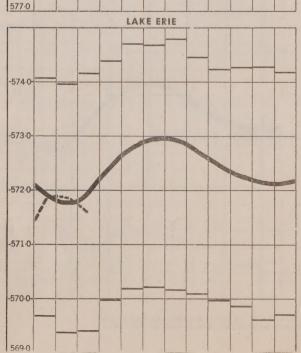
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

						LAKE-SU	PERIOR	(at Port Art	hur)				
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	602,04	601.77	601.56										
HIGH LEVEL FOR MONTH  Day and Hour	12/0040	8/0430	29/0515										
LOW LEVEL FOR MONTH	8/1015	601.47	600.73										
Day and Hour HIGHEST DAILY MEAN	602.22	601.99	601.68										
LOWEST DAILY MEAN	601.92	601,60	601.42		-								
Day	26	11	24										
Last year's mean for month  Max. mean for month since 1860	601.64	602.65	602.58										
Year	1952	1952	1951										
Min. mean for month since 1860 Year	600.32 1926	600.14	600.06										
Mean for month-lest 10 years	601.97	601.76	601,63										
_Mean for month-since 1850	601.99	601.81	601.71										
			t.		1	LAKE	IURON	(at Goderich	1)	1		1	
MEAN FOR MONTH	579.02	579.10	578.95										
HIGH LEVEL FOR MONTH	580.06	579.81 7/0955	579,60										
LOW LEVEL FOR MONTH	578.30 12/1130	578.52 11/0/20	578,27			1				1	1	-	
_ Day and Hour		579.46	16/1805 579,28					-				-	
HIGHEST DAILY MEAN _ Day	579.46	7	22										
LOWEST DAILY MEAN Day	578.47	578.82	578.54										
Last year's mean for month	577.82	577.71	577.82										
Max. mean for month since 1860  Year	582.67 1886	582.74 1886	582,93 1886										
Min. mean for month since 1860	577.52	577.42	577.45										
Year _Mean for month-last 10 years	1934	1934	1934										
Mean for month-since 1860	580.12	580.09	580.15	-	-						-	1	
										-			
	1					A A sets m		1		1	1	1	1
	[ Em] 02	ETT OF				LAKE	KIE (at F	Port Colborne	9)		1		
MEAN FOR MONTH HIGH LEVEL FOR MONTH	571.83	571.85	571.59 572.99 24/1830										
LOW LEVEL FOR MONTH	6/1355	26/0710	569.35					-					
_ Day and Hour	570.29 18/0605	10/0450	3/0725										
HIGHEST DAILY MEAN  Day	572.57	573.02	571.96							-			
LOWEST DAILY MEAN	571.13	570.77	570.57										
Day _Last year's mean for month	570.79	25 570.91	571.32										
Max. mean for month since 1860	574.08	573.96	574.14										
Year Min. mean for month since 1860	569.67	569.39	569.40			1				,			
Year _Mean for month-last 10 years	569.67 1935 572.22	1935 572,10	1934								-		-
_Mean for month-since 1860	571.98	571.76	571.91					-					
	0	1	and the same of th		Į.	LAKEO	DITABLO	(=4 (Kin mate	+	1	ł	1	į.
	211 70	215 36	215 75	,	1	LAKEO	MIARIO	(at Kingsto	on)		1	1	
_MEAN FOR MONTH HIGH LEVEL FOR MONTH	244.79	245.16	245.15										
Day and Hour LOW LEVEL FOR MONTH	26/1530	245.86 26/2050 244.57	2/1610	-						-			-
_ Day and Hour	244.36 7/1100	6/0335	244.86 21/1630										
HIGHEST DAILY MEAN	245.09	245.55	245.40										
LOWEST DAILY MEAN	244.50	244.74	244.88										
Day _Last year's mean for month	243.94	244.32	21 244.86										
	247.48 1886	247.55 1886	247.84										
Max. mean for month since 1860	1886	1886	1952										
_ Year	1935	1936	1935										-
Year Min. mean for month since 1860 Year		245.73	245.61										
Year Min. mean for month since 1860 Year Mean for month-fast 10 years	245.60	245.33	-66 JaVI			1	-						
Year Min. mean for month since 1860 Year Mean for month-fast 10 years	245.60	245,33	44000							1	No.		
Year Min. mean for month since 1860 Year Mean for month-fast 10 years	245.60	245.33	647.04							1			
Year Min. mean for month since 1860 Year Mean for month-fast 10 years	245.60	245.33	HA JAVA	action of the second	MON	TREAL H	ARBOUR	(at King E	dward Pier	.)		-	
Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH	245.60 245.27 35.77	37.55	25.94		MON	TREAL H.	ARBOUR	(at King E	dward Pier	)			
Year Min. mean for month since 1860 Year Mean for month-fast 10 years _Mean for month-since 1860	35.77 43.55 21/0240	37.55 43.32 20/2200	25.94 35.60 1/0001		MON	TREAL H	ARBOUR	(at King E	dward Pier				
Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH LOW LEVEL FOR MONTH LOW LEVEL FOR MONTH	35.77 43.55 21/0240	37.55 43.32 20/2200 33.01	25.94 35.60 1/0001 23.18		MON	TREAL H	ARBOUR	(at King E	Edward Pier				
Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860	35,77 43,55 21,0240 27,44 2/1230	37.55 43.32 20/2200 33.01 14/0700	25.94 35.60 1/0001		MON	TREAL H.	ARBOUR	(at King E	dward Pier				
Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day	35,77 43,55 21/0240 27,44 2/1230 42,73 29	37.55 43.32 20/2200 33.01 14/0700 40.97	25.94 35.60 1/0001 23.18 26/0800 32.30		MON	TREAL H.	ARBOUR	(at King E	dward Pier				
Year Min. mean for month since 1860 Year Mean for month last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN	35.77 43.55 21/0240 27.44 2/1230 42.73 29 27.56 2	37,55 43,32 20/2200 33,01 14/0700 40,97 21 33,59 13	25.9% 35.60 1/0001 23.18 26/0800 32.30 1 23.35 30		MON	TREAL H.	ARBOUR	(at King E	dward Pier	)			
Year Min. mean for month since 1860 Year Wear Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day LAST Year's mean for month	35.77 \(\lambda_3.55 \) 21/02\(\lambda_0\) 27.44 2/1230 \(\lambda_2.73\) 29 27.56 2 27.17	37.55 43.32 20/2200 33.01 14/0700 40.97 21 33.59 13 25.30	25.94 35.60 1/0001 23.18 26/0800 32.30 1 23.35 30 25.11		MON	TREAL H	ARBOUR	(at King E	dward Pier	)			
Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day	24,5,60 24,5,27 43,55 21,0240 27,44 2/1230 42,73 29 27,56 20 40,22 1886	37,55 43,32 20/2200 33,01 14/0700 40,97 21 33,59 13 25,30 38,74 1890	25.9% 35.60 1/0001 23.18 26/0800 32.30 1 23.35 30		MON	TREAL H	ARBOUR	(at King E	dward Pier	)			
Wear Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day Lowest Daily mean for month Max. mean for month since 1860 Year Min. mean for month since 1860	25.77 35.77 43.55 21.0240 27.44 2/1230 42.73 29 27.56 2 27.17 40.22 1886 21.33	37,55 43,32 20/2200 33,01 14/0700 40,97 21 33,59 13 25,30 38,74 1890 25,69	25,94 35,60 1/0001 23,18 26/0800 32,30 1 23,35 30 25,11 37,20 1890 24,39		MON	TREAL H.	ARBOUR	(at King E	dward Pier				
Wear Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN DBY LOWEST DAILY MEAN DBY LOWEST DAILY MEAN DBY LAST Year'S mean for month Max. mean for month since 1860 Year	25,5,60 245,27 43,55 21,0240 27,44 2/1230 42,73 29 27,56 2 27,17 40,02 1886 21,33 1932 30,93	37.55 43.32 20/2200 33.01 14/0700 40.97 21 33.59 13 25.30 38.74 1890 25.69 1935 23.36	25.94 35.60 1/0001 23.18 26/0800 32.30 1 23.35 30 25.11 37.20 1890 24.39 1956 28.30		MON	TREAL H.	ARBOUR	(at King E	dward Piet				
Wear Min. mean for month since 1860  Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour MIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860  Year Min. mean for month since 1860	35.77 35.77 3.55 21/0240 27.44 2/1230 42.73 29 27.56 2 27.17 40.22 1886 21.33 1932	37.55 43.32 20/2200 33.01 14/0700 40.97 21 33.59 13 25.30 38.74 1890 25.69 1935	25.94 35.60 1/0001 23.18 26/0800 32.30 1 23.35 30 25.11 37.20 1890 24.39		MON	TREAL H.	ARBOUR	(at King E	dward Piet				







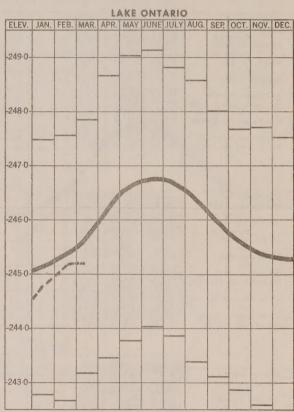


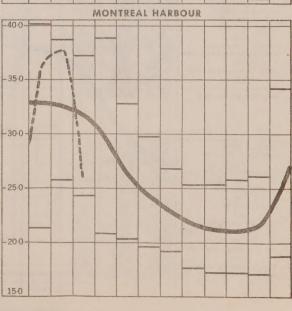
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INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

### MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR







LIBRARY \* MAI 1 ~ 1960 UNIVERSITY OF TORONS

WATER LEVEL BULLETIN for the

GREAT LAKES AND MONTREAL HARBOUR ) St. Lawrence



INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

FOR 19 60

### LAKE SUPERIOR (at Port Arthur) APRI MAY JUNE JULY AUG, SEPT. OCT. NOV. DEC. MEAN 01.56 602.04 601.77 MEAN FOR MONTH 601.65 HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH 601.93 602.40 29/0515 23/2255 602.63 8/0430 601.47 11/0555 601.99 601.63 8/1015 602.22 600.73 21/2145 601.68 23/1240 602.00 28 Day and Hour HIGHEST DAILY MEAN 1 601.92 26 601.64 602.87 1952 600.32 1926 601.97 601.99 601.60 601.42 601.42 Day Last year's mean for month Max. mean for month since 1860 11 601.45 602.65 1952 601.39 8 601.36 602.78 1951 599.99 1926 601.71 601.77 602.58 Year Min. mean for month since 1860 600.14 1926 601.76 601.81 600.06 1926 601.63 601.71 Year Mean for month-last 10 years Mean for month-since 1860 LAKE HURON (at Goderich) 579.10 578.95 579.22 579.81 579.60 580.30 7/0955 22/0600 26/0058 MEAN FOR MONTH HIGH LEVEL FOR MONTH 579.02 580.06 6/1050 Day and Hour LOW LEVEL FOR MONTH 578.27 16/1805 578.41 2/1833 579.55 28 578.30 578.52 \_\_\_ Day and Hour HIGHEST DAILY MEAN 579.46 579.46 \_\_\_ Day LOWEST DAILY MEAN 578.47 578.54 17 577.82 578.82 578.72 577.71 582.74 1886 \_\_\_\_ Day \_\_\_\_Last year's mean for month 577.82 578.28 Max. mean for month since 1860 582.67 Year Min. mean for month since 1860 577.52 1934 579.92 577.42 1934 579.89 577.45 1934 579.88 577.61 1934 580.11 Year Mean for month-last 10 years 580.09 580,37 LAKE ERIE (at Port Colborne) 571.85 574.34 26/0710 569.74 10/0450 571.59 572.09 24/1830 569.25 3/0725 571.96 24 570.57 3 572.20 575.02 18/0600 571.15 MEAN FOR MONTH 571.83 574.40 6/1355 HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH 2/0237 572.92 18 Day and Hour 573.02 26 570.77 25 570.91 573.96 1863 572.57 4 571.13 \_ Day LOWEST DAILY MEAN 571.55 \_\_\_\_ Day \_\_Last year's mean for month Max. mean for month since 1860 571.89 574.39 1952 570,79 571.32 574.08 574.14 Year 569.40 569.39 1935 572.10 571.76 569.67 1935 572.22 569.98 1935 572.86 572.43 Min. mean for month since 1860 Year Mean for month-last 10 years 572.42 571.91 571.98 Mean for month-since 1860 LAKE ONTARIO (at Kingston) MEAN FOR MONTH HIGH LEVEL FOR MONTH 245.16 245.86 26/2050 244.57 6/0335 245.11 26/1530 2/1616 247.10 Day and Hour 245.08 2/0705 246.65 244.36 7/1100 Day and Hour HIGHEST DAILY MEAN 245.40 1 244.88 21 245.09 245.55 Day LOWEST DAILY MEAN 244.50 244.74 245.32 Day 244.32 \_\_Last year's mean for month Max. mean for month since 1860 243.94 244.86 245.92 247.48 1886 247.55 1886 242.78 1935 245.60 245.27 243.18 242.68 1936 243.47 Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860 246.81 245.61 MONTREAL HARBOUR (at King Edward Pier) 35.77 37.55 43.55 43.32 21/0240 20/2200 MEAN FOR MONTH HIGH LEVEL FOR MONTH 25.94 35.60 1/0001 27.37 28.94 8/1000 Day and Hour LOW LEVEL FOR MONTH 33.01 14/0700 23.18 26/0800 23.76 1/0001 28.79 8 27.44 2/1230 Day and Hour HIGHEST DAILY MEAN 40,97 32.30 1 23.35 30 25.11 42.73 LOWEST DAILY MEAN 33.59 13 25.30 38.74 23.83 27.56 1 25.45 38.92 1887 Day 27,17 Last year's mean for month Max. mean for month since 1860

Year

Min. mean for month since 1860 Year \_\_\_\_ Year
\_Mean for month-last 10 years
\_Mean for month-since 1860

40.22 1886 21.33 1932

30.93

1890 25.69 1935 33.36

32,50

37.20

24.39 1956 28.30

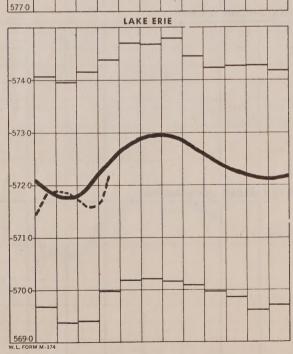
31.82

20.86 1931 26.02

29,86

# LAKE SUPERIOR ELEY. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 604.0 -603-0 -602-0--601-0-600-0





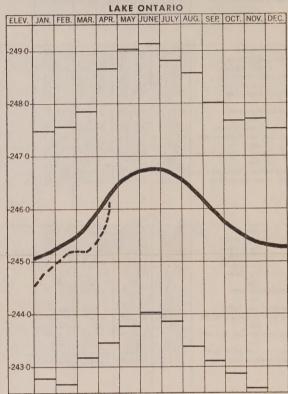


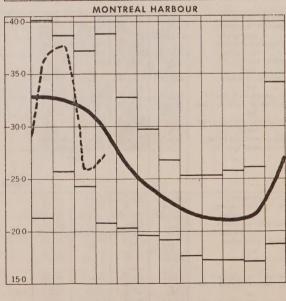
INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

### MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

FOR 19 60 LEGEND PERIOD MAXIMUM MINIMUM MEAN OF RECORD FOR MONTH

MEAN





Hydrographie + Nap Service Gov. Doc 9th

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WATER LEVELS BULLETIN for the GREAT LAKES AND MONTREAL HARBOUR) St. Lagrene

SCI. MED. DIV

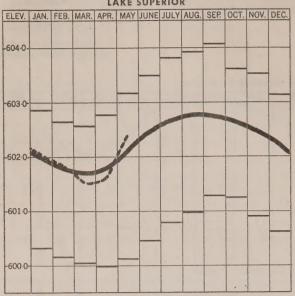
INLAND WATER LEVELS

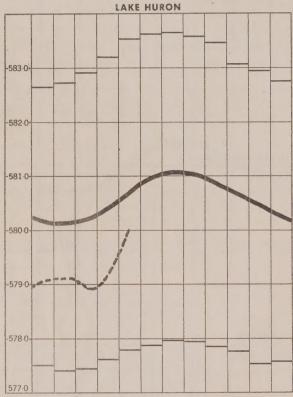
CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

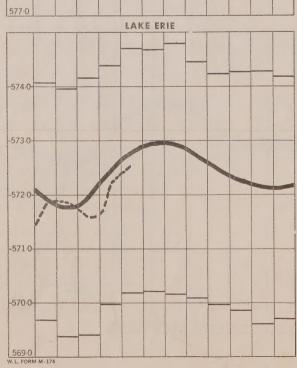
LAK	E SU	PERIOR	(at Port Arthur	)
-----	------	--------	-----------------	---

TES.		OTIAN				AKE SU	PERIOR	(at Port Art	bur)				
13	OAN.	FFB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	ост.	NOV.	DEC.	MEAN
MEAN FOR MONTH	602:04	601.77	601.56	601,65	602,39								
HIGH LEVEL FOR MONTH	602.63	602.28	601.93		603.16								
LOW LEVEL FOR MONTH		601.47	600,73		601.69								
Day and Hour	601.63	11/0555	21/21.45	23/1240	4/0945								
HIGHEST DAILY MEAN	602,22	601.99	601.68	602.00	602,65								
LOWEST DAILY MEAN	601,92	601.60	601.42		602.05								
Day	26	607 /5	601 30	8	601 76								
Last year's mean for month  Max. mean for month since 1860	602.87	601.45	602.58	601.36	601.76								
Year	1952	1952	1951	1951	1951								
Min. mean for month since 1860	600.32	600.14 1926	600.06 1926	599.99 1926	600.12 1926								
YearMean for month-last 10 years	601.97	601.76	601.63		602.11						, -		
Mean for month-since 1860	601.99	601.81	601.71	601.77	602.12								
										1		1	
				A 500		LAKE H	URON	(at Goderic	1)				
MEAN FOR MONTH	579.02	579.10	578.95	579.22	580,03								
HIGH LEVEL FOR MONTH	580.06	579.81 7/0955	579.60	580.30	580.56								
Day and Hour	6/1050	7/0955	22/0600 578,27	26/0058	17/2030 579.22								
LOW LEVEL FOR MONTH  Day and Hour	578.30 12/1130	578.52 11/0420	16/1805	578.41 2/1833	7/0600								
HIGHEST DAILY MEAN	579.46	579.46	579.28	579.55	580.40								
Day		578.82	578.54	28 578,72	579.47								
LOWEST DAILY MEAN  Day	578.47 12	5	17	2	7								
Last year's mean for month	577.82	577.71	577.82	578.28	578.67								
Max. mean for month since 1860	582,67 1886	582.74 1886	582.93 1886	583,22 1886	1886								
Min. mean for month since 1860	577.52	577.42	577.45	577.61	577.80								
Year	1934	1934	1934	1934	1934	,			-	-			
Mean for month-last 10 years Mean for month-since 1860	579.92 580.12	579.89	579.88	580.11	580.46 580.68								
	•												
											1		
		1			1	IAKE	DIE (at E	ort Colborn	0)		,	•	
	word do	I wown et er			Temo vo I	67116	MILE (all	T COIDOTT	1				
MEAN FOR MONTH	571.83	571.85	571.59	572.20	572.53								
HIGH LEVEL FOR MONTH  Day and Hour	574.40 6/1355	26/0710	572.99	18/0600	1/02/10								
LOW LEVEL FOR MONTH	570.29 18/0605	569.74	569.35	571.15	571.92								
Day and Hour	572.57	573.02	3/0725	2/0237 572.92	2/0115 572.84				-	-			
HIGHEST DAILY MEAN  Day	4	26	24	18	31							-	
LOWEST DAILY MEAN	571.13	570.77	570.57	571.55	572.28								
Day	570.79	25 570,91	571.32	571.89	572.25				-	-			
Last year's mean for month  Max. mean for month since 1860		573.96		574.39	574.70								
Year	574.08	1863	574.14	1952	1862			-	-				
Min. mean for month since 1860	569.67 1935	569.39 1935	569.40 1934	569.98	570.19 1934								
YearMean for month-last 10 years	572.22	572.10	572.42	572.86	573.11								
Mean for month-since 1860	571.98	571.76	571.91	572.43	572.75			-	-	-		-	
					1		1	-	·		l	1	}
						LAKE O	NTARIO	(at Kingst	on)				
MEAN FOR MONTH	244.79	245,16	245.15	246.14	246.90								
HIGH LEVEL FOR MONTH	245.11	245.86	245.49 2/1610	247.10 18/1130	247.21								
Day and Hour	26/1530	26/2050		245.08								1	
LOW LEVEL FOR MONTH  Day and Hour	244.36 7/1100	6/0335	244.86 21/1630	2/0705	246.51								
HIGHEST DAILY MEAN	245.09	245.55	245.40	246.65	247.13								
Day Day	244.50	244.74	244.88	27 245.32	246.66					1			
LOWEST DAILY MEAN  Day	10	5	21	2	4		-			-	-	1	
Last year's mean for month	243.94	244.32	244.86	245.92	246.13			-			-	<del> </del>	
Max. mean for month since 1860 Year	247.48	1886	247.84 1952	248.66 1952	1952								
Min. mean for month since 1860	242.78	242.68	243.18	243.47	243.77								
Year	1935	1936	1935	1935	1935				-	1	-		
Mean for month-last 10 yearsMean for month-since 1860	245,60	245.73	246.11	246.81	247.27								
	The same	1	I was										
	1	1			MONT	REAL H	ARBOU	(at King	Edward Pie	r)			
	1 02	100	1 2" 21	1 00 00	-	nant n	1	Tar Mile		T	1	1	T
MEAN FOR MONTH	35.77	37.55	25.94	27.37	26.41		-				1	1	
HIGH LEVEL FOR MONTH  Day and Hour	43.55	43.32 20/2200	35.60	8/1000									
LOW LEVEL FOR MONTH	27.44 2/1230	33.01	23.18	23.76	24.18								
Day and Hour	2/1230	14/0700	26/0800	28.79	31/1800		-	-	-	-	-	1	
HIGHEST DAILY MEAN Day	42.73	40,97	32.30	8	17								
LOWEST DAILY MEAN	27.56	33.59	23.35	23.83	24.18				1				
Day	27 37	25 30	30	25 / 5	22,08				-	-	-	-	-
Last year's mean for month Max. mean for month since 1860	27.17	25,30 38,74	37.20	25.45	32.37			1	1				
Max. mean for month since 1600	1886	1890	1890	1887	1876			-	-		-		-
Min. mean for month since 1860	21.33	25.69	24.39	20,86	20,29 1958								
YearMean for month-last 10 years	1932	1935	1956	1931 26.02	23.53								
Mean for month since 1860	32,98	32.50	31.82	29.86	26,10			-					
					1								
	1	1	1	1	1	1							

LAKE SUPERIOR



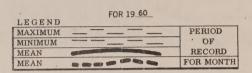


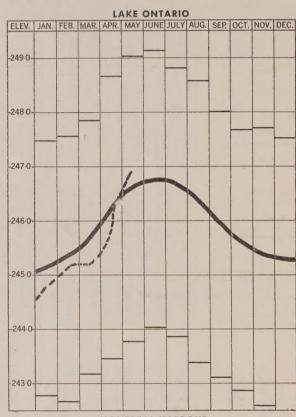


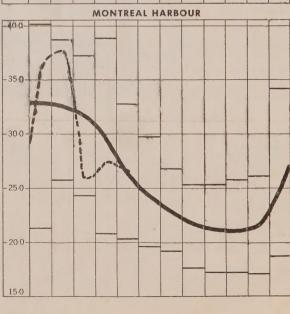


INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

### MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR







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WATER LEVEL BULLETIN for the

GREAT LAKES AND MONTREAL HARBOUR

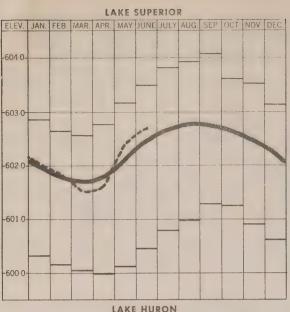
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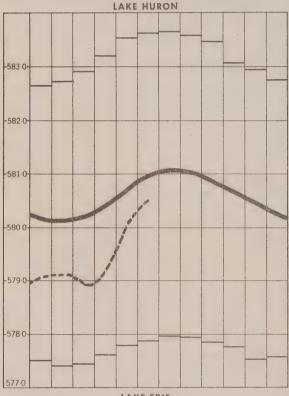


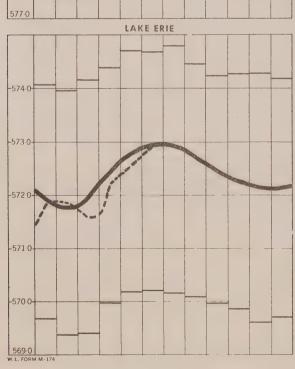
INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE

10	131		The Mark Market		rop to	. 60							APHIC SERVICE
*	. *	CAC	# 7		FOR 19	0.60					DEPARTMEN	IT OF MINES AND	TECHNICAL SURVEYS
× 111'	1.5	200	1			A VE CIII	EBIOD	(at Dark Aut	h.,,,,\				
		-	1	10011		LAKE SUI	JULY	AUG.	nur) SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH UNIL	JAN. 602.04	601.77	MAR. (101.56_)	6U1.65	602.39	JUNE 602.71	JULY	AUG.	SEP1.	001.	NOV.	DEG.	WEAN
HIGH LEVEL FOR MONTH	12/00/10	602,28	30/0515	602.40	603.16	603.26							
LOW LEVEL FOR MONTH	601.63	601.47	100,73	600.96	601.69	602.30							
— Day and Hour HIGHEST DAILY MEAN	602.22	11/0555	21/2145 601.68	602.00	602.65	602.78							
Day	601.92	601.60	601.42	28	30,31	602.63					ļ		
LOWEST DAILY MEAN Day	26	11	24	8	2	16							
Lest year's mean for month  Max, mean for month since 1860	602.87	602,65	602.53		601.76	602.13					<del> </del>		
Year	1952	1952	1951	. 1251	1951	1916					ļ		
Min. mean for month since 1860 Year	600.32 1926	600.14 1926	600.06 1926	1926	1926	1926							
Mean for month-last 10 years	601,97	601.76	601.63		602.11	602.42					<del> </del>		
Mean for month-since 1860			35.3.46.7.1.69										
												1	
,						LAKE H	URON	(at Goderic	h)				
MEAN FOR MONTH	579.02	579,10	578,75	579.22	580.03	580,50							
HIGH LEVEL FOR MONTH  Day and Hour	580.06 6/1050	579.81 7/0955	579.60	580.30	530.56	581.03 25/0240							
LOW LEVEL FOR MONTH	578.30 12/1130	578.52 11/0420	578,27 16/1905	578.41 2/1833	579.22	579.46 16/2215							
Day and Hour HIGHEST DAILY MEAN	579.46	579.46	570.28	579.55	580.40	580.82		1					
LOWEST DAILY MEAN		578.82	578.54	28 578,72	579.47	25 580 <b>.</b> 29							
Day	578.47 12	5	17	2	7	578.90		-				-	
Last year's mean for month  Max. mean for month since 1860	577.82	577.71	577.82	583.22	578.67 583.55	583.64							
Year Min. mean for month since 1860	1886	1886	1886 577.45	1886 577.61	1886	1886 577.89					-		
Year	1934	1934	1934	1934	1934	1934				<del> </del>			
Mean for month-last 10 years Mean for month-since 1860	579.92 580.12	579.89	579.88	580.11	580.46 580.68	580.67 580.92							
										1	1	1	1
						LAKEE	RIE (at l	Port Colborn	e)				
MEAN FOR MONTH	571.83	571.85	571.59	572.20 575.02	572.53	572.90 574.82				-	+ -		
HIGH LEVEL FOR MONTH  Day and Hour	574.40 6/1355	26/0710	572.99 24/1830	18/0600	1/0240	24/1645			-		-		
LOW LEVEL FOR MONTH  Day and Hour	570.29	569.74	569.25 3/0725	571.15	2/0115	572.10 5/0840							
HIGHEST DAILY MEAN	572.57	573.02	571.96	572.92 18	572.84	573.80						]	
LOWEST DAILY MEAN	571.13	570.77	570,57	571.55	572,28	572.45							
DayLast year's mean for month	570.79	570.91	571.32	571,89	572.25	572.25							
Max. mean for month since 1860	574,08 1863	573.96	574.14 1863	574.39 1952	574.70	574.68							
Year Min. mean for month since 1860 .	569.67	1863	569.40	569.98	570.19	570.20							
Year  Mean for month-last 10 years	1935	1935 572.10	572.42	1935 572,86	1934 573.11	1934					-		
Mean for month-since 1860	571.98	571.76	571.91	572.43	572.75	572.93							
		1	}	1	To a contract of the contract	LAKEO	NIT A DIO	1	1	1	1	1	1
	1211 70	1015.37	10/5 15	Ta// 31	Tax( ==		NIARIO	(at Kingst	on)	1	Т		
MEAN FOR MONTH HIGH LEVEL FOR MONTH	244.79	245.16	245.49	247.10	246.90	247.41		-					
Day and Hour LOW LEVEL FOR MONTH	26/1530	26/2050	2/1616	245.08	31/2335	24/2300		-		-	-	+	
Day and Hour	244.36 7/1100	6/0335	21/1630	2/0705	2/,6.51	24/0045			-		-		
HIGHEST DAILY MEAN Day	245.09	245.55	245.40	246.65	247.13	247.16							
LOWEST DAILY MEAN	244.50	244.74	244.78	245.32	246.66	246.91 28							
DayLast year's mean for month	243.94	244.32	244.86	245.92	246.13	245.95		1				-	
Max. mean for month since 1860 Year	247.48 1886	247.55 1886	247.84	248.66 1952	249.01 1952	249.12 1952							
Min. mean for month since 1860	242.78 1935	242,68	243.18	243.47	243.77 1935	244.02 1935							
Year  Mean for month last 10 years	245.60	245.73	246.11	246.81	21,7.27	247.29							
Mean for month-since 1860	245.27	245.33	245.61	246.20	246,60	246.73							-
	1		,		MON	TREAL H	ARBOUI	(at King	Edward Pie	r)			
MEAN FOR MONTH	35.77	37.55	25,04	27.37	26./1	22.58				L			
HIGH LEVEL FOR MONTH	43.55	43.32	35.60	28.94 8/1000	27.32	24.01							
Day and Hour LOW LEVEL FOR MONTH	27.44	33.0I	23.18	23.76	24.18	21.62							
Day and Hour HIGHEST DAILY MEAN	2/1230	14/0700	26/0800	1/0001	31/1300 27.72	15/0710							
Day	12.73	40.07 21	<u></u>	8	17	1				-		-	
LOWEST DAILY MEAN  Day	27.56	33.59	23, 35	23.83	24.18	21.79							+
Last year's mean for month	27.17	25,20 38,74	25,11	25.45	22.08 32.37	20,85					+-	-	
Max. mean for month since 1860 Year	40.22 1886	1890	37.20 1890	1887	1876	1876					+		
Min. mean for month since 1860 Year	21.33	25.69 _1935 .	4.39	20.86	20.39 1958	19.54	1					1	
Mean for month-last 10 years	30.93	33,36	28,30	26,02	23.53	21.21				+			
Mean for month-since 1860	32,98	32,50	31.22.	29.86	SO TO	24.34							





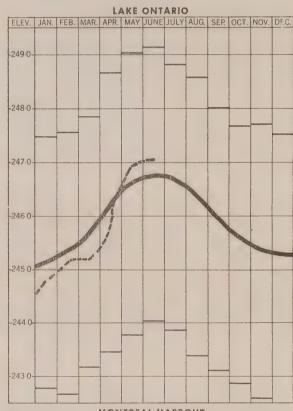


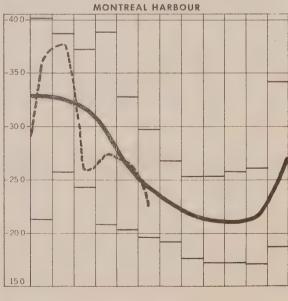


## INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

## MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR







Canada. Hydrographic & Map Service

### WATER LEVELSBULLETIN GREAT LAKES AND MONTREAL HARBOUR ) St. 215 ren



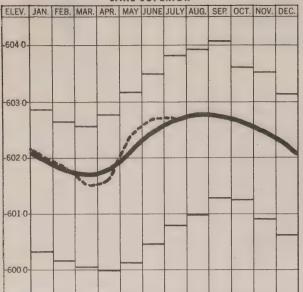
INLAND WATER LEVELS

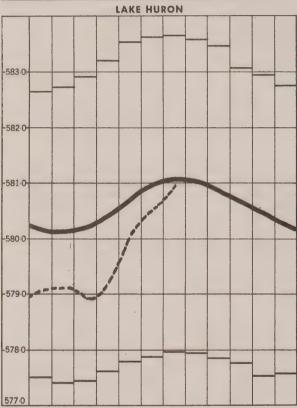
CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

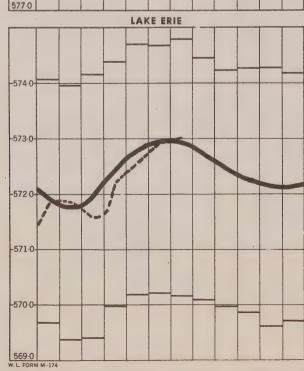
					L	AKE SU	PERIOR	(at Port Art	hur)				
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	602.04	601,77	601.56		602.39	602.71	602.69						
HIGH LEVEL FOR MONTH  Day and Hour	602.63	8/0430	29/0515	23/2255	603.16 19/1345	603.26	603.38						
LOW LEVEL FOR MONTH	601.63	601.47	600,73	600.96	601.69	602.30	602.14						
Day and Hour	8/1015	11/0555	21/2145 601,68	602.00	602,65	2/2325 602.78	21/2335 602.78						-
HIGHEST DAILY MEAN Day	1	3	1	28	30, 31	2	25						
LOWEST DAILY MEAN	601,92	601.60	601.42	601.42	602.05	602.63	602.60						
Day	601.64	601.45	601,39	601,36	601.76	602.13	602,39					<del> </del>	
Last year's mean for month  Max. mean for month since 1860	602.87	602,65	602.58		603.19	603.50	603.82						
Year	1952	1952	1951	1951	1951	1916	1876						
Min. mean for month since 1860	600.32 1926	600.14 1926	600.06 1926	599.99 1926	600.12 1926	1926	600.80 1926						
Year Mean for month-last 10 years	601,97	601.76	601.63	601.71	602.11	602.43	602.70						
Mean for month-since 1860	601.99	601.81	601,71	601.77	602.12	602.42	602.64	·				-	
and the second section of the section of	1 1	1											
1 1/4	MA	579.10			}	IAKEH	HIDON	ı (at Goderici	1)		1	1	ľ
The second secon	579,02	579.10	578.95	579.22	580.03	580.50	580.85	[	·/				T
HIGH LEVEL FOR MONTH	580.06	579.81	570,60	580.30	530.56	581.03	581.52						
Day and hour	6/1050	7/0935	22/0600		17/2030	25/0240							
LOW LEVEL FOR MONTH	578.30 12/1130	578.52/	16/1806	578.41 2/1833	579.22 7/0600	579.46 16/2215	580.46 3/1059				1		
HIGHEST DAILY MEAN	579.46	579.46	579	579.55	580.40	580.82	581.09				1		
Day	1.45	TURGOT	22 ?	28	31	25	30				ļ		
LOWEST DAILY MEAN	578.47	578.82	-578-54	578.72	579.47 7	580.29 2	580.71						
Last year's mean for month	577.82	577.72	17 577.82	578,28	578.67	578.90	578.89						
Max. mean for month since 1860	582.67	582.74	582.93 1886	583.22	583.55	583.64	583.66						
Year	1886	1886		1886	1886	1886 577.89	1876 577•98				-	-	
Min. mean for month since 1860	577.52 1934	577.42 1934	577.45 1934	577.61 1934	577.30 1934	1934	1934						
YearMean for month-last 10 years	579.92	579.89	579.88	580.11	580.46	580.67	580.86					1	
Mean for month-since 1860	580.12	580,09	580.15	580.37	530,68	580.92	581.06					-	
					1			1	1	l	i	ŀ	1
			<u></u>					ort Colborn	e)				
MEAN FOR MONTH	571.83	571.85	571.59	572,20 575,02	572.53 574.20	572.90 574.82	574.98				<del> </del>	<del> </del>	
HIGH LEVEL FOR MONTH	574.40 6/1355	26/0710	572.99 24/1830	18/0600	1/02/10	24/1645	3/0746						
LOW LEVEL FOR MONTH	570.29	569.74	569.35	571.15	571.92	572.10	571.84						
Day and Hour	18/0605	10/0450	3/0725	2/0237	2/0115	5/0840		ļ					
HIGHEST DAILY MEAN	572,57	573,02 26	571.96	572.92	572.34	573.80 24	573.32					1	
LOWEST DAILY MEAN	571.13	570.77	570.57	571.55	572.28	572.45	572.58		1				
Day	11	25	3	2	5	9	14	+		-			
Last year's mean for month Max. mean for month since 1860	570.79	570.91 573.96	571.32	571.89	572.25	572.25	574.80						
Year	574.08 1863	1863	574.14	1952	1862	1860	1862	-	ļ				
Min. mean for month since 1860	569.67	569.39	569,40	569.98	570.19	570.20 1934	570.17 1934						
YearMean for month-last 10 years	1935	1935 572,10	1934	1935 572,86	1934 573.11	573.22	573.19						
Mean for month-since 1860	571.98	571.76	571.91	572.43	573.75	572.93	572.95				-		
	l	1	1	ł	1				1	1	1	1	1
			1015 35	1 - 2 -	1 2 2 2 2			(at Kingst	on)				1
MEAN FOR MONTH	244.79	245.16	245.15	246.14	247.21	247.05	247.23		-			1	
HIGH LEVEL FOR MONTH  Day and Hour	245.11 26/1530	245.86 26/2050	2/1610	247.10 18/1130	31/2335	24/2300	3/1310				-	ļ	-
LOW LEVEL FOR MONTH	244.36 7/1100	244.57	244.86 21/1630	245.08	246.51 1/0215	246.68	245.98						
Day and Hour		6/0335	21/1630	2/0705	247.13	24/0045	246.94	1			1	1	
HIGHEST DAILY MEAN Day	245.09	245.55 27	1	27	31	1	3					ļ	ļ
LOWEST DAILY MEAN	244.50	244.74	244.88	245.32	246,66	246.91	246.32						
Day	243.94	244.32	21,244.86	245.92	246.13	245.95	245.62						
Last year's mean for month  Max. mean for month since 1860	247.48	247.55	247.84	248.66	249.01	249.12	248.81						
Year	1886	247.55	1952	1952	1952	1952	1947	-	1	-			
Min. mean for month since 1860	242.78 1935	1936	243.18	243.47 1935	1935	1935	243.85 1934						
YearMean for month-last 10 years	245.60	245.73	246.11	246,81	21,7.27	247.29	247.02	1				-	
	245.27		245.61	246.20	246,60	246.73	21,6.66					+	
		1	1	1	MON	TREAL H	APROLL	≀ (at King	Edward Pior	-)			
	l or ess	207 55	1 25 01	1 27 27	<del></del>	22,58	22.39	(at mile			T	T	
MEAN FOR MONTH	35.77	37,55 43.32	35.60	27.37	26.41	24.01	23.24			1			
Day and Hour	43.55	20/2200	1/0001	8/1000	17/1/50	1/001	5 14/131	0				-	-
LOW LEVEL FOR MONTH	27.74 2/1230	33.01	23.19	23.76	24.18	21.62	21.58	5					
Day and Hour	12 72	14/0700	26/0800	28.79	27.72	24.00	23.12						
HIGHEST DAILY MEAN  Day	42.73	40,97	1	88	17	1	14	1	1			-	-
LOWEST DAILY MEAN	27.56	33.59	3.35	23,83	24.18	21.79	21.64						
Day	2	25 30	25.11	25.45	22.08	20,85	19.69	+					
Last year's mean for month	40.22	38.74	37.20	38.92	32.87	29.81	26.95	1					
Max. mean for month since 1860 Year	1886	1890	1890	1887	1876	1876	1861		-				
Min. mean for month since 1860	21.33	25.69	24.39	20.86	20.29 1958	19.54	19.20						
Year	1932 30.93	1935	1956 28.30	1931	23.53	21.91	21.37						
Mean for month-last 10 yearsMean for month-since 1860	32,98	32.50	31.82	29.86	26.10	24.34	22.77		-		-	-	
John John Market allico 1000						1							
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### LAKE SUPERIOR

1 Sec. 1 2



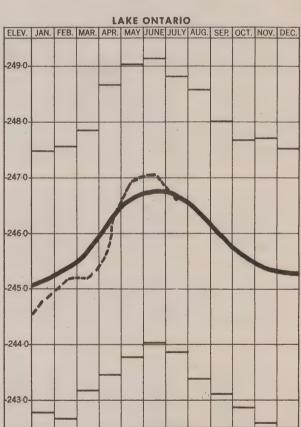


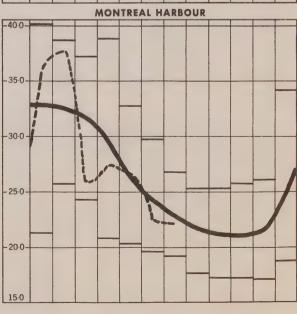


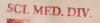


INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

## MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR









### WATER LEVEL BULLETIN GREAT LAKES AND/MONTREAL HARBOUR)

	/ man man				WATE	ER LEV	EL BU	LLETIN	1				Y D	}	
	LIBRARY UNIVERSE UNIV			GREA	T LAKE	S AND/	MONTRE	AL HA	RBOUR				明明明明	•	
	/ IBRAR	*/			. 18							INLA	ND WATE	R LEVELS	
	1 5 1960	0/										CANADI	AN HYDROGRA	PHIC SERVICE	
/	CEP LO					FOR 19	60_					DEPARTMENT	r of Mines and	TECHNICAL SURVE	YS
- M.	25/						AKE SUI	PERIOR	(at Port Arti	ntir)					
-	UNIVERSITY &	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN	
	MEAN FOR MONTH	602.04	601.77 602.28	601.56		602,39 603,16	602.71	602.69	602.69						+
	Day and Hour	12/00/0	8/0430 601.47	29/0515 600.73	23/2255	19/13/5	28/2225	21/2210 602.14	25/2202						+
Ì	Day and Hour HIGHEST DAILY MEAN	8/1015	11/0555	21/2145	23/1240	4/0945	2/2325	21/2335 602.78	7/0315						-
	Day  LOWEST DAILY MEAN	601.92	601.60	601.42	28	30, 31 602,05	602.63	25 602.60	602,62						-
	Day	26	11 601.45	24 601.39	8	2 601.76	16 602.13	19 602.39	602.57						-
	Last year's mean for month  Max. mean for month since 1860	602.87	602.65	602.58		603.19	603.50	603.82	603.93						
	Min. mean for month since 1860	600.32	600.14	600.06		600.12	1916	600.80	600.99						
	Year  Mean for month-last 10 years	601,97	601,76	601,63	601,71	1926	1926	1926	602,77						7
	Mean for month-since 1860	601.99	601.81	601.71	601.77	602.12	602.42	602.64	602,72						
			-				1		-			1			
,		-			,				at Goderich	)					7
	MEAN FOR MONTH	579.02 580.06	579.10 579.81	578.95 579.60		580.03 580.56	580.50 581.03	580.85 581.52	_580.96   581.48						-
	LOW LEVEL FOR MONTH	6/1050 578,30 12/1130	7/0955 578,52	22/0600 578,27	578.41	17/2030 579.22	25/0240 579 • 46	26/2111 580 <b>.</b> 46	31/2228 580.45	· · · · · · · · · · · · · · · · · · ·					
	— Day and Hour HIGHEST DAILY MEAN	12/1130 579.46	11/0420 579.46	16/1805 579.28	2/1833	7/0600 580,40	16/2215 580.82	3/1059 581.09	31/2307 581.17						+
	Day LOWEST DAILY MEAN	5	578.82	22 578.54	28	31 579.47	25 580.29	30 580.71	580,73						-
	DayLast year's mean for month	578.47 12 577.82	577.71	17 577.82	2	7 578.67	2 578.90	578.89	28 578,88						+
	Max. mean for month since 1860	582.67 1886	582.74	582.93	583.22	583.55	583.64 1886	583.66	583.60						
	Min. mean for month since 1860	577.52	577.42	1886		1386 577.80	577.89	577.98	1876 577.94						
	YearMean for month last 10 years	1934 579.92	1934 579.89	1934 579.88	1934 580.11	1934 580.46	1934 580.67	1934 580,86	1934						1
	Mean for month-since 1860	580.12	580,09	580.15	580,37	580,68	580.92	581.06	581.01						
-			1					l							
								RIE (at Po	ort Colborne	)					_
	MEAN FOR MONTH HIGH LEVEL FOR MONTH	571.83 574.40	571.85 574.34	572.59	575.02	572.53 574.20	572.90 574.82	573.02 574.98	572.85 574.30						
	Day and Hour LOW LEVEL FOR MONTH	6/1355 570,29	26/0710 569.74	572.99 24/1830 569.35	18/0600	1/02/0 5 <b>71.</b> 92	24/1645 572.10	3/0746 571.84	14/2237 571.98						-
ĺ	— Day and Hour HIGHEST DAILY MEAN	18/0605 572,57	10/0450 573.02	3/0725 571.96	2/0237	2/0115 572.84	5/0840 573.80	14/0652 573.32	10/0231 573.18						-
	Day LOWEST DAILY MEAN	571.13	570.77	24	18	31 572,28	24 572.45	572.58	572.51						+
	Day	570.79	25 570 <b>.</b> 91	570.57	2	572.25	572.25	572.03	16						-
	Last year's mean for month  Max. mean for month since 1860	574,08 1863	573.96 1863	571.32 574.14 1863		574.70 1862	574.68	574.80 1862	574.45 1862						
	Min. mean for month since 1860	569.67	569.39	569.40	569.98	570.19	570.20	570.17	570.10						
	YearMean for month-last 10 years	572.22	1935 572,10	1934 572.42		1934 573.11	1934 573.22	1934 573 • 19	1934 572.97						
	Mean for month-since 1860	571.98	571.76	571.91	572.43	572.75	572,93	572.95	572.72						
															-
ľ		2// 80	215.26	215 35	1017.5	,	LAKE OF			n)					7
	MEAN FOR MONTH HIGH LEVEL FOR MONTH	244.79 245.11 26/1530	245.16 245.86 26/2050	245.15 245.49 2/1610	246.14 247.10 18/1130	246.90	247.05 247.41	246.61	245.93 246.61						
	Day and Hour LOW LEVEL FOR MONTH	26/1530 244.36 7/1100	26/2050	2/1610 244.86 21/1630	18/1130 245.08 2/0705	31/2335 246.51 1/0215	24/2300 246.68	3/1310 245.98	7/2142 245.54						
	Day and Hour HIGHEST DAILY MEAN	7/1100	6/0335 245.55	21/1630	2/0705	247.13	24/0045	30/1800 246.94	29/1830 246.31						1
	Day LOWEST DAILY MEAN	245.09 26 244.50	245.55 27 244.74	244.88	245.32	31 246.66	246.91	3 246.32	245.62						
	DayLast year's mean for month	10 243.94	244.32	21 244.86	245.92	246.13	28 245.95	31 245.62	31 245.02						
	Max. mean for month since 1860	247.48 1886	247.55 1886	247.84 1952	248.66 1952	249.01 1952	249.12 1952	248.81 19 <b>47</b>	248.56 1947						
	Min. mean for month since 1860	242.78 1935	242.68 1936	243.18 1935	243.47	243.77 1935	244.02 1935	243.85	243.39						
	Mean for month-last 10 years	245.60	245.73	246.11	246.81	247.27	247.29 246.73	247.02	246.54						
	mean for month-since 1000			_~~											
						11.51	DE AL AC	L D D O L L D	/nt 1/:	durant D	1				1
ı		25 777	37.55	25.94	27.37	MON1	22.58	22.39	(at King E	uward Pier	1				7
	HIGH LEVEL FOR MONTH	35.77 43.55 21/0240	43.32 20/2200	35,60 1/0001	28.94	27.32	24.01	23.24	22.36						
	LOW LEVEL FOR MONTH	27.44 2/1230	33.01	23.18	23.76	24.18	21.62	21.58	19.87						
	Day and Hour HIGHEST DAILY MEAN	42.73	40,97	26/0800 32,30	28,79	31/1800 27.72	24.00	29/1915	22.10						
	LOWEST DAILY MEAN	27.56	33.59	23.35	23,83	24.18	21.79	21.64	20.01						1
	Last year's mean for month	27.17	25,30	30 25.11	25,45	22.08	15 20,85	29 19.69	29 19.03						
	Max. mean for month since 1860	40.22 1886	38.74 1890	37.20 1890	38.92 1887	32.87 1876	29.81 1876	26.95 1861	25.47 1861						
	Min. mean for month since 1860	21.33	25.69 1935	24.39 1956	20.86 1931	20.29 1958	19.54 1941	19.20 1934	17.59						
	Mean for month-last 10 years	30.93	33,36 32,50	28.30	26,02	23.53	21.91	21.37	20,51						
	The state of the s														
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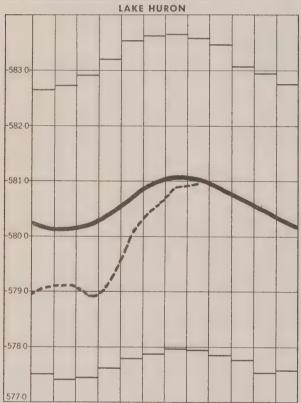
ELEV. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC.

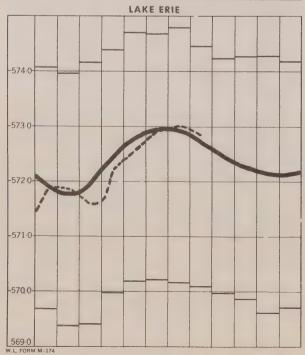
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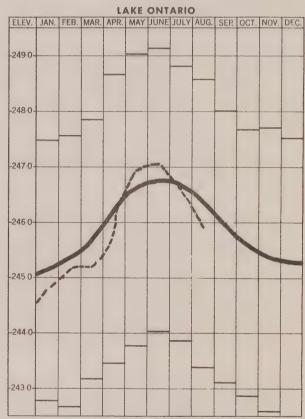


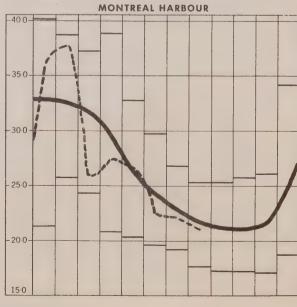


INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

## MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR













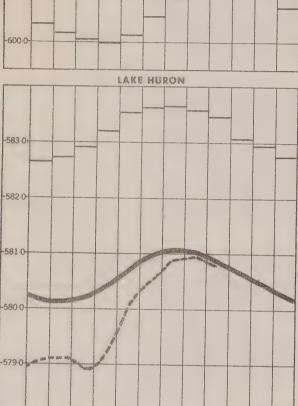
INLAND WATER LEVELS

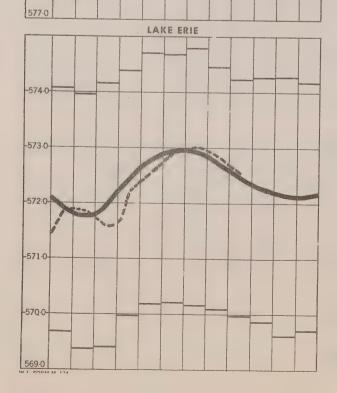
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS



UNIVERSITY	-0(	MIO			FOR 19	9 60							D TECHNICAL SURVEYS
ERS/A	OF JOH										Sull		
11/2	0,					LAKE SU	PERIOR	(at Port Art	hur)				1
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT	OCT.	NOV.	DEC.	MEAN
HIGH LEVEL FOR MONTH	602.63	601,77	601,56	601,65	603.16	602-71	602,69_	602.69	602.61				
Day and Hour	12/0040	8/0430	29/0515	23/2255	19/1345	28/2225	21/2210	25/2202	1/1158				
LOW LEVEL FOR MONTH  Day and Hour	601.63 8/1015	601.47	21/2145	600.96	4/0945	602.30 2/2325	21/2335	602.22 7/0315	601.83 1/1027				
HIGHEST DAILY MEAN	602,22	601.99	601.68	602,00	602.65	602.78	602.78	602.75	602.77				
LOWEST DAILY MEAN	601,92	601,60	601.42	601.42	602.05	602.63	602,60	602,62	602.46				
Day	26	11	24	8	2 .	16	. 19	22	22				
Last year's mean for month Max, mean for month since 1860	601.64	601.45	602,58	602.78	601.76	602.13	602.39	602.57	602.95				
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	_			
Min. mean for month since 1860	600.32 1926	600.14 1926	600.06 1926	599.99 1926	1926	1926	1926	600,99 1926	601.28 1926				j
Mean for month-last 10 years	601,97	601.76	601.63	601.71	602.11	602.43	602.70	602,77	602.77				
Mean for month-since 1860	601,99	601.81	601.71	601.77	602.12	602.42	602.64	602,72	602,75			-	
1	1			1	Ť	t a ter ti	III ON		!	1		1	1
								(at Goderich					
HIGH LEVEL FOR MONTH	579.02	579.10 579.81	578.95	579.22	580.03	580,50 581.03	580.85 581.52	580.96 581.48	580.78 581.67				
Day and Hour	6/1050	7/0955	22/0600	26/0058	17/2030	25/0240	26/2111	31/2228	1/2112				
LOW LEVEL FOR MONTH	578,30 12/1130	578.52	578.27 16/1805	578.41	7/0600_	579.46	580.46 3/1059	580.45	579.99 1/1650				
HIGHEST DAILY MEAN	579.46	579.46	579.28	579.55	580,40	580.82	581.09	581.17	581.06				
LOWEST DAILY MEAN	578,47	578.82	578.54	28 578.72	579,47	25 580.29	30 580.71	580.73	13 580.43			-	
Day	12	5	17	2	7	2	2	28	19			ļ	
Last year's mean for month  Max. mean for month since 1860	577.82	577.71 582.74	582.93	578.28	583.55	578.90	578.89 583.66	578,88 583,60	578.87 583.49				
Year	1886	1886	1886	1886	1386	1886	1876	1876	1876			ļ	
Min. mean for month since 1860  Year	577.52 1934	577.42 1934	577.45 1934	577.61 1934	577.80 1934	577.89 1934	577.98 1934	577.94 1934	577.84 1934				
Mean for month-last 10 years	579.92	579.89	579.88	580,11	580.46	580.67	580.86	580.82	580.65				
Mean for month-since 1860	580.12	580,09	580.15	580.37	580,68	580.92	581.06	581.01	580.83				
	1			}	Ş	LAVER	DIF					1	1
	1 mm2 do	con de						ort Colborne				,	
—_MEAN FOR MONTH HIGH LEVEL FOR MONTH	574.40	571.85	571.59	572.20 575.02	572.53	572.90	573.02 574.98	572.85	572.56 573.68				
Day and Hour	6/1355	26/0710	572.09 24/1830	18/0600	1/02/0	24/1645	3/0746	14/2237	.9/1223				
LOW LEVEL FOR MONTH	570.29	569.74 10/0450	569.35 3/0725	2/0237	571.92 2/0115	572.10 5/0840	571.84	571.98	571.55 16/0435				
HIGHEST DAILY MEAN	572,57	573.02	571.96	572.92	572.84	573.80	573.32	573.18	572.92				
Day	571.13	26 570.77	24	18 571.55	572,28	572.45	572.58	2 572 53	572.11				
LOWEST DAILY MEAN  Day	11	25	570.57	2	5	9	14	572.51 16	16				
Last year's mean for month Max, mean for month since 1860	570.79	570,91 573,96	571.32	571.89	572.25 574.70	572.25 574.68	572.03 574.80	571.77 574.45	571.37 574.22				
Year	574.08 1863	1863	574.14 1863	1952	1862	1860	1862	1862	1861				
Min. mean for month since 1860	569.67 1935	569.39 1935	569.40 1934	569.98 1935	570.19	570.20 1934	570.17 1934	570 <b>.</b> 10	569.99 1934				
Mean for month-last 10 years	572.22	572.10	572.42	572.86	573.11	573,22	573.19	572.97	572.36				
Mean for month-since 1860	571.98	571.76	571.91	572.43	572.75	572.93	572.95	572,72	572.45			-	
	1			Í	ł	1 4 1/2 0	17 4 010	1				1	1
	1011 80	015 76	015.75	T 2 . 7 . 2		,		(at Kingsto					
HIGH LEVEL FOR MONTH	244.79	245.16	245.15	247.10	246.90	247.41	247.23	245.93	245.28				
Day and Hour	26/1530	245.86 26/2050	2/1616	18/1130	31/2335	24/2300	3/1310	7/21/2	1/0613				
LOW LEVEL FOR MONTH	244.36 7/1100	244.57 6/0335	244.86 21/1630	245.08	246.51	246.68	245.98 30/1800	245.54	244.79				
— Day and Hour HIGHEST DAILY MEAN	245.09	245.55	245.40	246.65	247.13	247.16	246.94	246.31	245.64				
LOWEST DAILY MEAN	244.50	244.74	244.88	27 245.32	246.66	246.91	246.32	245.62	245.04	-			
Day	10	5	21	2	4	28	31	31	24			-	
Last year's mean for month  Max. mean for month since 1860	243.94	244,32	247.84	248.66	246.13	245.95	245.62	248.56	244.41				
Year	1886	247.55 1886	1952	1952	1952	1952	1947	1947	1947				
Min. mean for month since 1860 Year	242.78 1935	242.68 1936	243.18 1935	243.47 1935	243.77 1935	244.02	243.85 1934	243.39 1934	243.10				
Mean for month last 10 years	245,60	245,73	246.11	246.81	247.27	247.29	247,02	246.54	246,12				
Mean for month-since 1860	245,27	245.33	245.61	246.20	246.60	246.73	246.66	246-33 -	245.92				
	1			Ť	MORE	REAL HA	PROUE	/at King C	dward Dice			1	1
	1 20 000	207 55	2/ 01	07.27								1	
—_MEAN FOR MONTH HIGH LEVEL FOR MONTH	43.55	43.32	35.60	27.37	26.41	22.58	22.39	21.05	20.16				
Day and Hour	21/0240	43.32 20/2200	1/0001	8/1000	17/1/50	1/0015	14/1310	8/1905	2/1625				
LOW LEVEL FOR MONTH  Day and Hour	27.44	33.01	23.18	23.76	24.18	21.62	21.58	19.87	18.69				
HIGHEST DAILY MEAN	42.73	40,97	32, 30	28.79	27.72	24.00	23.12	22.10	20.00				
LOWEST DAILY MEAN	27.56	33.59	23,35	23.83	24.18	21.79	21.64	20,01	13.84			-	
Day	27.56	13	30	1	31	15	29	_ 29	30				
Lest year's mean for month Max. mean for month since 1860	27.17	25.30 38.74	25.11 37.20	25.45 38.92	32.37	20.85	19.69	19.03 25.47	18,61 25.46				
Max. mean for month since 1860  Year	1886	1890	1890_	1887	1876	1876	1861	1861	1869				
Min. mean for month since 1860	21.33 1932	25.69 1935	24.39 1956	20.86	20.29 1958	19.54	19.20 1934	17.59	17.30 1934				
Year  Mean for month-last 10 years	30-93	33,36	28,30	26.02	23.53	21.91	21.37	20,51	20.09			ļ	
Mean for month-since 1860	32.98	32,50	31.82	29.86	26.10	24.34	22.77	21.76	21.16				
	1				1							1	

ELEY. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC.





-578-0-



# INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

## MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR



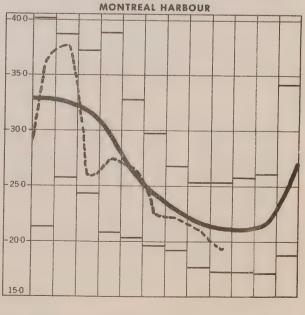
ELEV. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC.

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GREADLANES AND MONTREAL HARBOUR) St. LIGISTENCE INL

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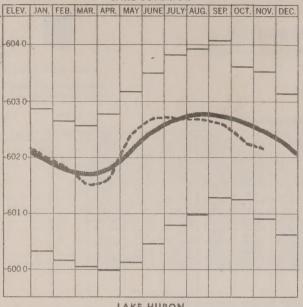


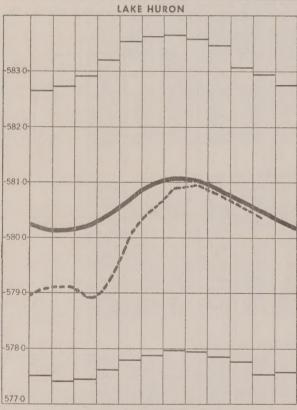
INLAND WATER LEVELS

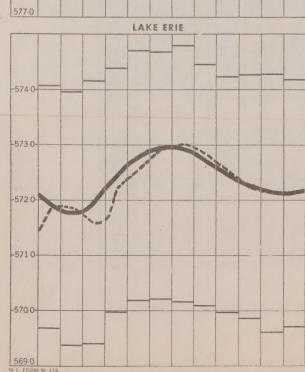
CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

					FOR	19_60_					DEPARTMEN	T OF MINES	AND TECHNICAL SUR
	-					LAKES	UPERIOR	(at Port A	rthur)				
MEAN FOR MONTH	JAN. 602.04	601.77	MAR. 601,56	APRIL 65	MAY	JUNE (OD GO	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
HIGH LEVEL FOR MONTH	602.63	602.28	601.93	601.65	603.16	602.71	602.69		602.61	602.30	602.14		-
LOW LEVEL FOR MONTH	601.63	8/0430			19/1345	28/222	51 21/221	0 25/220	2 1/115	3 12/201	5 28/1454		
Day and Hour	8/1015	11/055	5 21/214	600.96	4/0945	602.30			601.83	601.64	9 30/0024		
HIGHEST DAILY MEAN	602,22	601.99	601,68	602.00	602.65	602.78	602.78	602.75	602.77	602.57	602.32		1
LOWEST DAILY MEAN	601,92	601,60	601.42	601.42	602.05	602.63	602.60	602,62	602.46	602.01	607 00		
Day	601.64	602 /5	607 20	8	2	16	19	22	22	23	601.88		
Last year's mean for month Max. mean for month since 1860		602.65	602.58	602.78	601.76	602.13	602.39	602,57	602.95	602,97	602.64		-
Year 1000	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916	1900		
Min. mean for month since 1860  Year	600.32 1926	1926	600.06	599.99 1926	600.12	1926	1926	1926	1926	601.23	600.90		
Mean for month-last 10 years	601,97	601.76	601,63	601.71	602.11	602.43	602.70	602,77	602.77	602,60	1925		1
Mean for month-since 1860	601.99	601.81	601.71	601.77	602.12	602.42	602 064	602.72	602,75	602.67	602,49		
			1	,	1	LAKE	HURON	(at Goderic	h)	1	1		1
MEAN FOR MONTH	579.02	579.10	578,95	579.22	580.03	580,50	580.85	580,96	I 580.78	580.56	580.34		1
HIGH LEVEL FOR MONTH  Day and Hour	580.06	7/0955	22/0600	580,30	530.56	581.03	581.52	581.48	581.67	581.71	581.34		
LOW LEVEL FOR MONTH	578,30 12/1130	578.52	578,27	578.41	579.22	579.46	580.46	31/2228	1/2112	579.65	30/0524		+
Day and Hour		579.46		2/1833	7/0600	16/2215	3/105	31/2307	1/1650	31/1722	28/21/2		
HIGHEST DAILY MEAN Day	579,46	7	579.28	579.55	580.40	580.82	581.09	581.17	581.06	581.05	580.95		
LOWEST BAILY MEAN	578.47	578,82	578.54	578.72	579.47	580.29	580.71	580.73	580.48	579.90	579.69		-
Last year's mean for month	577.82	577.71	577.82	578.28	578,67	578.90	578.89	578.88	19 578,87	570 02	28		1
Max. mean for month since 1860	582.67	582.74 1886	582.93	583.22	583.55	583.64	583.66	578.88	583.49	583.09	578.94		1
Min. mean for month since 1860	1886	577.42	1886	1886	1886	1886	1876	1876	1876	1876	1876		
Year	1934	1934	1934	577.61	1934	1934	1934	1934	577.84	1934	577.53		
Mean for month-last 10 years Mean for month-since 1860	579.92	579.89	579.88	580.11	580.46	580.67	580.86	580.82	580.65	580.43	580,27		
and the state of t		290.07	Journ	200.21	580.68	580,92	581.06	581.01	580.83	580,62	580.42		1
						LAKE	RIE (at l	ort Colborn	e)	,	'		1
MEAN FOR MONTH	571.83	571.85	571.59	572.20	572.53	572.90	573.02	572.85	572.56	572,23	572.17		1
HIGH LEVEL FOR MONTH  Day and Hour	6/1355	574.34	572,99	575.02	1/0240	574.82	574.98	574.30	573.68	573.97	574.81		
LOW LEVEL FOR MONTH	570.29	569.74	569, 35	571.15	571.92	572.10	571.84	571.98	9/1223	571.31	29/2358		1
HIGHEST DAILY MEAN	572.57	573.02	3/0725	572.92	572.84	573.80	14/0652	10/0231	16/0435	26/1757	23/0628		
Day	4	26	24	18	31	24	2/3034	573.18	572.92	573.18	573.44		
LOWEST DAILY MEAN  Day	571.13	570.77	570.57	571.55	572.28	572.45	572.58	572,51	572.11	571.74	571.64	-	
Last year's mean for month	570.79	570.91	571.32	571.89	572.25	572,25	572.03	572.77	571.37	571.31	571.29		
Max. mean for month since 1860 Year	574.08	573.96	574.14	574.39 1952	574.70 1862	574.68	574.80	574.45	574.22	574.27	574.28		
Min. mean for month since 1860	569.67	569.39	569.40		570.19	570.20	1862	570.10	1861	1861	1861		
Year Mean for month-last 10 years	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934		
Mean for month-since 1860	571.98	571.76	571.91		573.11 572.75	573.22	573.19	572.97	572.36	572.24	572.32		
	1	1	1			LAKE O	NTARIO	(at Kingsto	on)		1		Simple Si
MEAN FOR MONTH HIGH LEVEL FOR MONTH	244.79	245.16	245.15	246.14	246.90	247.05	246.61	245.93	245.28	244.96	244.99		
Day and Hour	26/1530	245.86 26/2050	2/1616	247.10	247.21 31/2335	247.41	3/1310	7/21/2	245.88	6/0501	245.46		
LOW LEVEL FOR MONTH	244.36 7/1100	6/0335	244.86 21/1630	245.08	246.51 1/0215	246.68	245.98	245.54	244.79	244.67	244.40		
Day and Hour HIGHEST DAILY MEAN			245.40	2/0705	247.13	24/0045	30/1.800		THE RESERVE AND PARTY AND PARTY.	25/0845	28/0847		
Day	245.09	245.55	1	27	31	1	3	246.31	245.64	2	29		
LOWEST DAILY MEAN  Day	244.50	244.74	244.88	245.32	246.66	246.91	246.32	245.62	245.04	244.82	244.68		
Last year's mean for month	243.94	244.32	244.86	245.92	246,13	245.95	245.62	245.02	244.42	244.14	244.09		
Max. mean for month since 1860 Year	247.48 1886	247.55 1886	1952	248.66 1952	249.01 1952	249.12 1952	248.81	248.56	243.00	247.69	247.70		
Min. mean for month since 1860	242.78	242.68	243.18	243.47	243.77	244.02	243.85	1947 243.39	1947 243.10	242.84	1861		
Year Mean for month-last 10 years	1935	1936 245.73	1935	1935	1935	1935	1934	1934	1934	1934	1934		
Mean for month-since 1860	245.27	245.33		246.20	247.27	246.73	247.02	246.54	245.92	245.73	245.53		
											1		-
_MEAN FOR MONTH	35.77	37.55	25,94	27:37	26.41	22.58	22.39	(at King E	dward Pier)	17.92	18.12		
HIGH LEVEL FOR MONTH	43.55	43.32 20/2200	35.60	28.94	27.32	24.01	23.24	22.36	20.16	18.95	18.95		
LOW LEVEL FOR MONTH	21/0240	33.01	23.18		17/1450 24.18	21.62	21.58	8/1905	2/1625	1/0300	23/1633		
Day and Hour	27.44	14/0700	26/0800	1/0001	31/1800	15/0710	29/1915	19.87	18.69	18/1640	9/0623		
HIGHEST DAILY MEAN	42.73	40,97	32,30	28.79	27.72	24.00	23.12	22.10	20.00	18.32	18.78		
LOWEST DAILY MEAN	27.56	33.59	23.35		24.18	21.79	21.64	8 20.01	18.84	17.11	17.52		
Day	27,17	25.30	30	1	31	15	- 29	29	30	18	9		
Last year's mean for month  Max. mean for month since 1860	40.22	38.74	37.20		22,08 32,87	20.85	19.69	25.47	25.46	18,50	26.13		
Year	1386	1890	1890	1887	1876	1876	1861	1861	1869	1861	1861		
Min. meen for month since 1860  Year	21.33	25.69 1935	24.39		20.29	19.54	19.20	17.59	17.30	17.29	17.15		
_Mean for month-last 10 years	30.93	33,36	28,30	26,02	23.53	21.91	21,37	20.51	20.09	19,99	20.18		
Meen for month-since 1860	32,98	32,50	31.82	29.86	26.10	24.34	22.77	21.76	21.16	21.04	21.28		

LAKE SUPERIOR









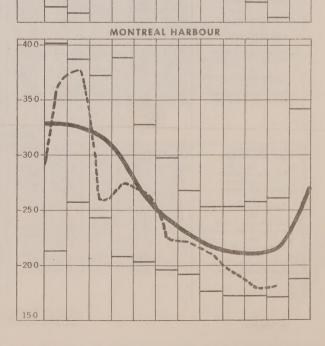
CANADA

INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

## MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

	FOR 19 60	
LEGEND		
MAXIMUM	Annual St. Contraction of St. Co	PERIOD
MINIMUM	Management and American State of the State o	OF
MEAN	CHARLES HAVE BELLEVILLE	RECORD
MEAN		FOR MONTH

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Canada, Hydrographe Map Service

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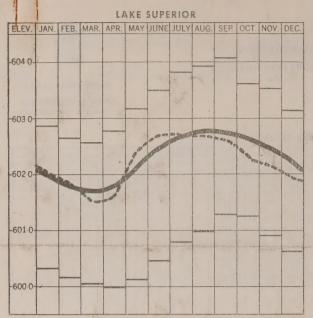
WATER LEVELS BULLETIN for the GREATLAKES AND MONTREAL HARBOUR 1 St. 29 8 renee

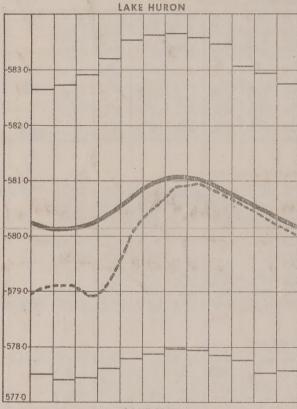


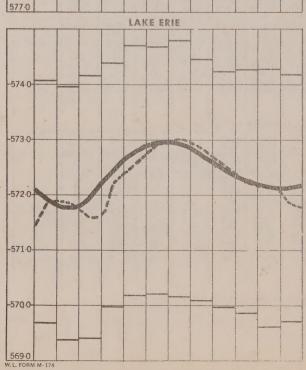
INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE

		-											
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MEAN FOR MONTH	JAN. 602.04	FEB. 601,77	MAR. 601.56	APRIL 601.65	602,39	JUNE 602.71	JULY 602.69	AUG. 602.69	SEPT.	602,30	NOV. 602.14	601.92	MEAN 602.21
HIGH LEVEL FOR MONTH	602.63	602.28	001.93	602.40	603.16	603.26	603.38	603.20	603.53	602.30	602.79	602.56	
LOW LEVEL FOR MONTH	601.63	8/0430	29/0515	600.96	601.69	28/2225 602 <b>.</b> 30	602.14	25/2202 602 <b>.</b> 22	1/1158	12/2015	28/1/54	5/0412	
Day and Hour	8/1015	11/0555	21/2145	23/1240	4/0945	2/2325	21/2335	7/0315	1/1027	23/1359	30/0024	30/2027	
HIGHEST DAILY MEAN	602,22	601.99	601,68	602.00	602.65 30.31	602.78	602.78	602.75	602,77	602.57	602.32	602,24	
LOWEST DAILY MEAN	601.92	601.60	601.42	601.42	602.05	602.63	602.60	602,62	602.46	602.01	601.88	601.72	
Day	607.61	11	607 20	8	2	16	19	602.57	602.95	23	29	/02 20	600 12
Last year's mean for month Max. mean for month since 1860	601.64	602,65	602.58	602.78	601.76	602.13	602.39	603.93	604.08	602.97	602.64	602.30	602.13
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916	1900	. 1900	
Min. mean for month since 1860 Year	1926	1926	600.06	599.99 1926	1926	1926	1926	600.99 1926	601.28 1926	601.23 1925	1925	1925	
Mean for month-last 10 years	601,97	601.76	601.63	601.71	602.11	602.43	602.70	602,77	602,77	602,60	602.37	602.13	602.25
Mean for month-since 1860	601.99	601.81	601.71	601.77	602.12	602.42	602.64	602.72	602,75	602,67	602.49	602.24	602,28
		1	1		1							1	
						LAKE H	URON	(at Goderich	1)				
MEAN FOR MONTH	579.02	579.10	578.95	579.22	580.03	580.50	580.85	580.96	580.78	580.56	580.34	580.21	580.04
HIGH LEVEL FOR MONTH  Day and Hour	580.06	579.81 7/0955	579,60	26/0058	580.56	581.03 25/0240	581.52 26/2111	581.48	581.67	581.71 6/0004	581.34	581.31	
LOW LEVEL FOR MONTH	578.30 12/1130	578.52	578.27	578.41	579.22	579.46	580.46	580.45	579.99	579.65	579.14	579.62	
Day and Hour		579.46	16/1805 579.28	2/1833	7/0600_	16/2215	3/1059	31/2307	1/1650	31/1722 581.05	28/2142	24/1512	
HIGHEST DAILY MEAN	579.46	7	22	579.55	580.40	580.82 25	581.09 30	581.17	581.06	24	580.95	580.67	
LOWEST DAILY MEAN	578.47	578.82	578.54	578.72	579.47	580.29	580.71	580.73	580.48	579.90	579.69	579.90	
DayLast year's mean for month	577.82	577.71	577.82	578.28	578.67	578.90	578.89	28 578.88	19 578.37	31 578,32	28	578.34	578.54
Max. mean for month since 1860	582.67	582.74	582.93	583.22	583.55	583.64	583.66	583.60	583.49	583.09	582.94	582.75	and the state of t
Year	1886	1886		1886	1386	1886	1876 577.98	1876	1876	1876	1876	1876&1883	
Min. mean for month since 1860  Year	577.52	1934	577.45	577.61	1934	1934	1934	577.94 1934	577.84 1934	577.77 1934	577.53	577.59	
Mean for month-last 10 years	579.92	579.89	579.88	580.11	580.46	580.67	580.86	580.82	580.65	580.43	580.27	580.11	580.34
Mean for month-since 1860	580.12	580,09	580.15	580,37	580.68	580.92	581.06	581.01	580.83	580.62	580.42	530.24	580.57
	1	L	1	1	1	·				1			
						LAKE	RIE (at P	ort Colborne	2)				
MEAN FOR MONTH	571.83	571.85	571.59	572,20	572.53	572,90	573.02	572.85	572.56	572,23	572.17	571.84	572.30
HIGH LEVEL FOR MONTH  Day and Hour	574.40 6/1355	574.34 26/0710	572,09	575.02 18/0600	1/02/10	574.82	574.98	574.30	573.68	573.97 6/0458	574.81	574.24	
LOW LEVEL FOR MONTH	570.29	569.74	569.35	571.15	571.92	572.10	571.84	571.98	571.55	571.31	571.19	569.39	
Day and Hour		10/0450	3/0725	2/0237	2/0115	5/0840	14/0652	10/0231	16/0435	26/1757	23/0628	11/1702	
HIGHEST DAILY MEAN  Day	572.57	573.02	571.96	572.92	572.84	573.80	573.32	573.18	572.92	573.18	573.44	573.01	
LOWEST DAILY MEAN	571.13	570.77	570.57	571.55	572.28	572.45	572.58	572.51	572.11	571.74	571.64	570.59	
DayLast year's mean for month	570,79	570.91	571.32	571.89	572.25	572.25	572,03	571.77	571.37	571.31	28 571.29	571.26	571.54
Max. mean for month since 1860	574.08 1863	573.96	574.14	574.39	574.70	574.68	574.80	574.45	574.22	574.27	574.28	574.19	- J. L. da B. J. Lib
Year Year		1863		1952	1862	1860 570.20	1862	1862	1861	1861 569.88	1861 569.61	1861	
Min. mean for month since 1860 Year	569.67 1935	1935	569.40 1934	569.98 1935	570.19 1934	1934	1934	570.10	1934	1934_	1934	569.71	
Mean for month-last 10 years	572.22	572.10	572.42	572.86	573.11	573.22	573.19	572.97	572.36	572,36	572.32	572.20	572.64
Mean for month-since 1860	571.98	571.76	571.91	572.43	572.75	572.93	572.95	572.72	572.45	572.24	572.14	572.10	572.38
	ı	1	1 7	Į.	1	LAKEO	LITABIO	(at Vinasta	)	1		,	
	1211 70	1015 3/	1016 16	1	1-14	LAKE O		(at Kingsto		211.06	211 00	01. 00	210 (0
MEAN FOR MONTH HIGH LEVEL FOR MONTH	244.79	245.86	245.15	246.14	246.90	247.05	247.23	245.93	245.38	244.96	244.99	244.79	245.65
Day and Hour	26/1530	26/2050	271616	18/1130	31/2335	24/2300	3/1310	7/21/2	1/0613	6/0501	17/0724	9/1828	
LOW LEVEL FOR MONTH	244.36 7/1100	6/0335	21/1630	245.08	2/6.51	246.68	245.98	245.54	244.79	244.67	244.40	244.29 12/0953	
— Day and Hour HIGHEST DAILY MEAN	245.09	6/0335 245.55	21/1630	246.65	247.13	247.16	246.94	29/1830 246.31	245.64	245.13	245.18	245.18	
Day	26	245.55	1	27	31	1	3	2		2// 02	29	9	
LOWEST DAILY MEAN Day	244.50	244.74	244.88	245.32	.246.66	246.91	246.32 31	245.62	245.04	244.82	244.68	244.51	
Last year's mean for month	243.94	244.32	244.86	245.92	246.13	245.95	245.62	245.02	244.41	244.14	244.09	244.32	244.89
Max. mean for month since 1860	247.48	247.55 1886	247.84	248.66	249.01 1952	249.12	248.81	248.56	243.00	247.69 1861	247.70	247.49	
Year Min. mean for month since 1860	1886	242.68	1952 243.18	1952 243.47	243.77	1952 244.02	1947 243.85	1947	1947 243.10	242.34	1861 242.57	242.55	
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934	1934	216.0
Mean for month-last 10 years Mean for month-since 1860	245.60	245.73	245.61	246.81	247.27	246.73	247.02	246.54	246.12	245.73	245.53	245.45	246.27
Mean for month-since 1000	NEL Jan I	1 100	- Maria	240.20			A-1402 # 5/52 _	ــ درونها	200		- July 1, 4 1/2		
	,	,	1		MON	REAL H	ARROUR	(at King E	dward Pier			,	
	1 25 MM	1 37 55	25.01	1 27 27						17.92	18.12	20.56	24.58
MEAN FOR MONTH HIGH LEVEL FOR MONTH	43,55	37.55 43.32	35.60	27.37	26.41	22.58	22.39	22.36	20.16	18.95	19.05	29.08	-4023
Day and Hour	21/0240		1/0001	8/1000	17/1/50	1/0015	14/1310	8/1905	2/1625	1/0300	23/1633	31/2400	
LOW LEVEL FOR MONTH	27.44 2/1230	33.01	23.18	23.76	24.18 31/1800	21.62	21.58	19.87	18.69	16.35	17.26 9/0623	17.65	
HIGHEST DAILY MEAN	42.73	40,97	32.30	28.79	27.72	24.00	23.12	22.10	20.00	18.32	18.78	28.78	
Day	29		1 1	8	17	1	21.66	.8	2	17.11	17.52	17.3/	
LOWEST DAILY MEAN	27.56	33.59	23.35	23,83	24.18	21.79	21.64	20.01	18.84	18	9	17.34	
DayLast year's mean for month	27.17	25.30	25,11	25.45	22.08	20.85	19.69	19.03	18.61	18,50	19.84	21.37	21,96
Max. mean for month since 1860	40.22	38.74	37.20	38.92	32.37 1876 ·	29.81	26.95 1861	25.47	25.46	25.90 1861	26.13	34.29 1875	
Min. mean for month since 1860	21.33	1890 25,69	24.39	20.86	20.29	19.54	19.20	1861	17.30	17.29	17.15	18.31	
Year	1932	1935	1956	1931	_1958	. 1941	1934	1934	20.09	1934	1934	1949	23.98
Mean for month-last 10 years	30.93	33.36	31.82	26,02	23.53	21.91	21,37	20,51	21.16	19.99	20.18	21.62	25.91
Mean for month-since 1860	7.0	1	14.85/2	7.00		11124	4	1					
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# INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

## MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

